

Title (en)
DEHUMIDIFICATION/HUMIDIFICATION AIR SUPPLY APPARATUS

Title (de)
LUFTVERSORGUNGSEINRICHTUNG ZUR ENTFEUCHTUNG/BEFEUCHTUNG

Title (fr)
APPAREIL D'ALIMENTATION EN AIR DE DESHUMIDIFICATION/D'HUMIDIFICATION

Publication
EP 1030126 A1 20000823 (EN)

Application
EP 98951744 A 19981110

Priority

- JP 9805037 W 19981110
- JP 31087797 A 19971112

Abstract (en)
A dehumidified/humidified air supply apparatus comprises two sets of air passages (A, B) including heating units (5, 6) disposed at an upstream side thereof, a dehumidifying/humidifying unit (10) having two portions 10a, 10b disposed at a downstream side thereof and a blower 2, wherein when dehumidified air is supplied by the dehumidifying/humidifying unit (10) of the first air passage (A), the dehumidifying/humidifying unit (10) is dehumidified by air which is heated by the heating unit (6) of the second air passage (B), and when humidified air is supplied by the heating unit (5) of the first air passage (A) and the dehumidifying/humidifying unit (10), the dehumidifying/humidifying unit (10) is humidified by air of the second air passage (B). The dehumidifying/humidifying unit (10) is moved between the first air passage (A) and the second air passage (B) by a driving unit (17). <IMAGE>

IPC 1-7
F24F 3/14; **F24F 11/02**

IPC 8 full level
B01D 53/06 (2006.01); **B01D 53/26** (2006.01); **F24F 3/14** (2006.01); **H01L 21/02** (2006.01)

CPC (source: EP US)
F24F 3/1423 (2013.01 - EP US); **F24F 2203/1004** (2013.01 - EP US); **F24F 2203/1036** (2013.01 - EP US); **F24F 2203/1048** (2013.01 - EP US); **F24F 2203/106** (2013.01 - EP US); **F24F 2203/1068** (2013.01 - EP US); **F24F 2203/1084** (2013.01 - EP US)

Cited by
EP1231439A4; DE102014226355A1; EP1696182A1; EP1450113A4; US6960236B1

Designated contracting state (EPC)
DE FR GB SE

DOCDB simple family (publication)
EP 1030126 A1 20000823; **EP 1030126 A4 20010808**; **EP 1030126 B1 20050112**; DE 69828637 D1 20050217; DE 69828637 T2 20060119; JP H11141917 A 19990528; US 6415859 B1 20020709; WO 9924763 A1 19990520

DOCDB simple family (application)
EP 98951744 A 19981110; DE 69828637 T 19981110; JP 31087797 A 19971112; JP 9805037 W 19981110; US 55426400 A 20000512